

DESCRIPTION AMENDMENTS

Rewrite the paragraph beginning on page 1, line 4, to read as follows:

BACKGROUND OF THE INVENTION

The invention relates to an arrangement in a swing door apparatus for the detection of door ~~position in accordance with the preamble of claim 1, position,~~ which swing door apparatus comprises an operation shaft, the turning of which follows the door movements.

Rewrite the paragraph beginning on page 2, line 1, to read as follows:

SUMMARY OF THE INVENTION

~~The objects of the present invention may be achieved in a way described in claim 1 and in the other claims.~~ The detection of door position is arranged to be provided by potentiometric means or the like, which are arranged operatively dependent on the turning angle of the operation shaft of the swing door apparatus. According to the invention said potentiometric means comprise preferably two potentiometers which have at least substantially identical characteristic curves and which are arranged in conjunction with a common shaft so that they most preferably are in a phase shift of 180° with respect to one another. The solution is inexpensive and simple. Once power is switched on to the apparatus, a single action of reading the voltage of the slider member of the potentiometer, independently of the present phase of the opening or closing sequence of the door, is sufficient for the detection of door position.

Rewrite the paragraph beginning on page 3, line 14, to read as follows:

BRIEF DESCRIPTION OF THE DRAWINGS

In the following the invention is described by way of example with reference to the attached drawings, in which

Figure 1 shows a general arrangement of a swing door apparatus;

Figure 2 shows a part of a swing door apparatus as side projection and provided with a position detecting arrangement according to the invention;

Figure 3 shows an enlarged position detecting arrangement according to Fig. 2;

Figure 4 shows the connection diagram of the position detecting arrangement according to the invention;

Figure 5 illustrates the principle of measuring applied to the position detecting arrangement according to the invention.

Rewrite the paragraph beginning on page 4, line 1, to read as follows:

DETAILED DESCRIPTION

In accordance with Fig. 1 a door 1 is hinged on a doorframe 2 and provided with a swing door apparatus 3, which is connected to the door by means of turning swing arms 4.